

TEXAS PACIFIC OIL COMPANY, INC.  
REGIONAL OFFICE  
MIDLAND, TEXAS 79701

P. O. BOX 4067  
1509 WEST WALL STREET

January 14, 1977

TEL. 915-684-5584  
TWX. 910-895-5324

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Joe Ramey

Re: CONVERSION OF WELLS NOS. 6 & 15  
TO WATER INJECTION  
SOUTH LEONARD QUEEN UNIT  
SOUTH LEONARD QUEEN POOL  
SEC. 13, 23 & 24, 26S-37E  
LEA COUNTY, NEW MEXICO

Gentlemen:

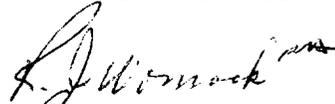
Texas Pacific Oil Company, Inc., respectfully requests administrative approval for the conversion of South Leonard Queen (Waterflood) Unit Wells Nos. 6 & 15 to water injection service. The conversion of these proposed wells will permit recovery of additional waterflood oil, which otherwise will not be recovered under present waterflood operations. The Texas Pacific South Leonard Queen Waterflood Project was approved by the Commission under Order No. R-3421 dated June 4, 1968.

The two subject wells will be equipped with plastic coated tubing set on a mechanical injection packer. The packer will be set approximately 50 feet above casing seat. San Andres water will be injected into the Queen formation through open hole. The anticipated injection rate will be approximately 250 BWPD at a surface pressure of 1150 psig.

This application is being filed in accordance with the Commission Rule 701-B. Attached are three copies of the Unit plat, three copies of the wellbore sketch and a copy of log for each well.

Very truly yours,

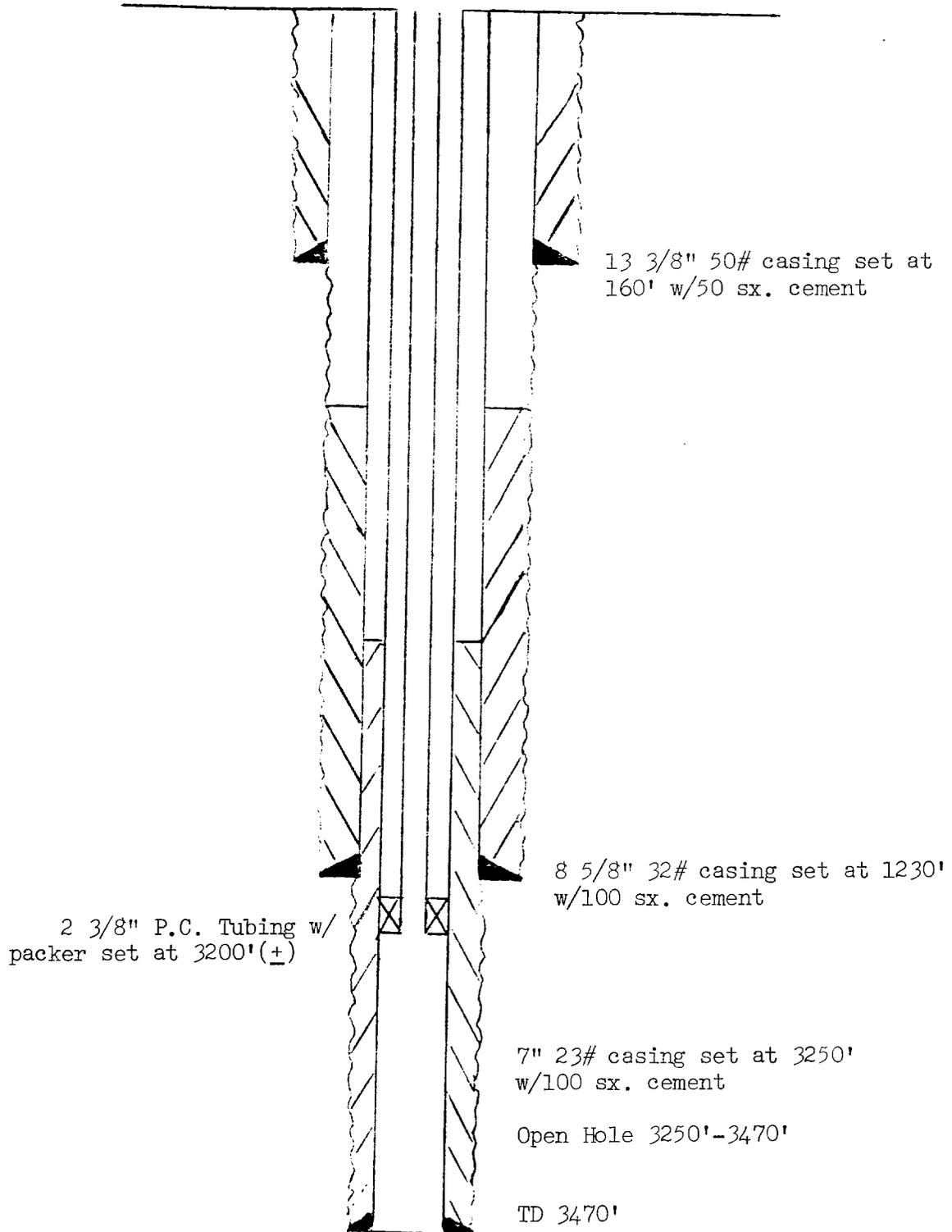
TEXAS PACIFIC OIL COMPANY, INC.

  
R. J. Womack  
Regional Manager

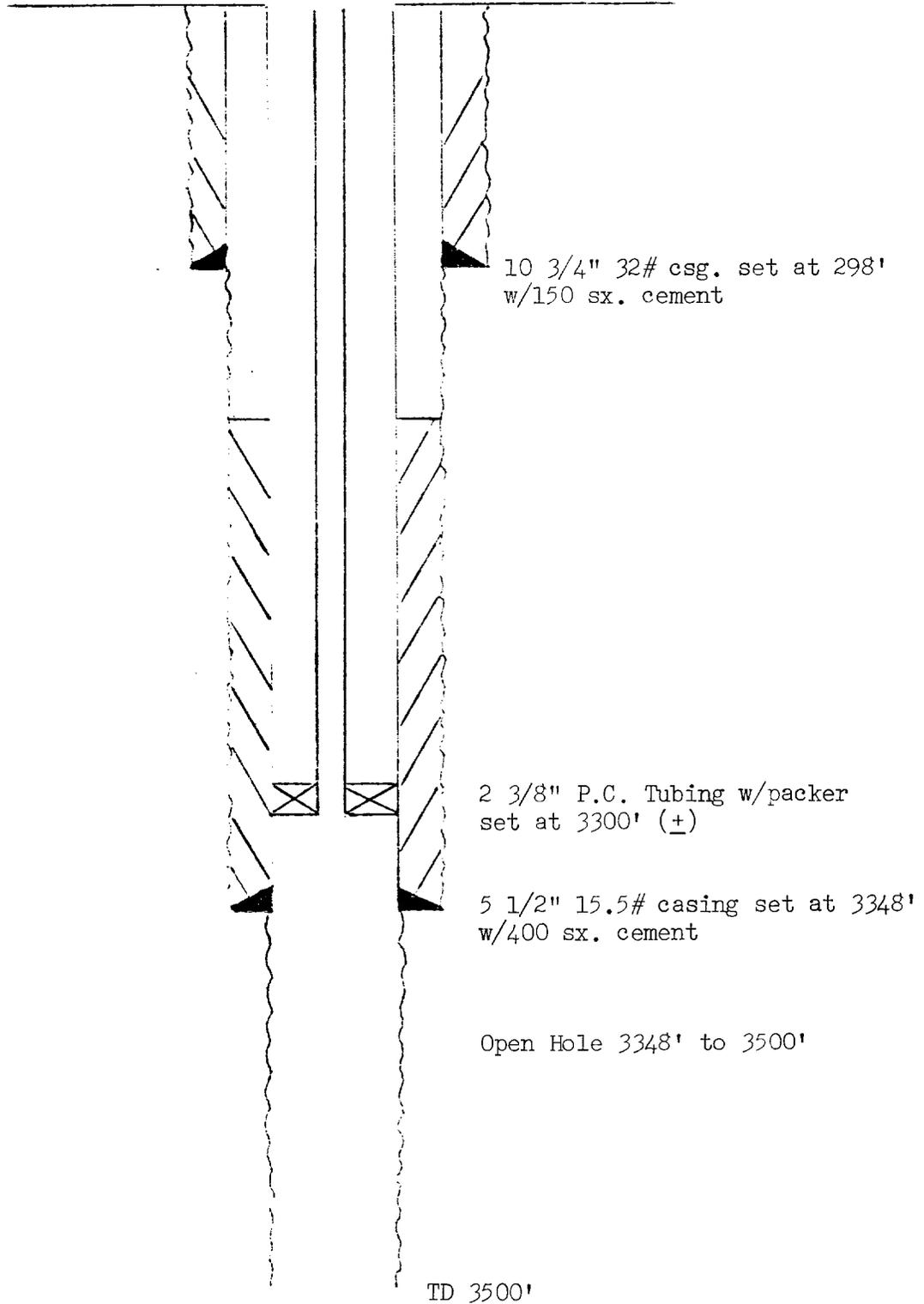
RDH:cs

cc: USGS - Hobbs for Approval of Well #15

TEXAS PACIFIC OIL COMPANY, INC.  
SOUTH LEONARD QUEEN UNIT NO. 6  
660' FEL, 1980' FNL, UNIT "H"  
SEC. 23, T-26-S, R-37-E  
LEONARD (QUEEN) SOUTH POOL  
LEA COUNTY, NEW MEXICO  
ELEVATION 2988' GR



TEXAS PACIFIC OIL COMPANY, INC.  
SOUTH LEONARD QUEEN UNIT NUMBER 15  
990' FSL, 660' FEL, UNIT "M"  
SEC. 24, T-26-S, R-37-E  
LEA COUNTY, NEW MEXICO  
ELEVATION 2992' RKB



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SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
NMJ-538

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- 2. Name of Operator Texas Pacific Oil Company, Inc. 3. Address of Operator P. O. Box 4067, Midland, Texas 79701 4. Location of Well UNIT LETTER H 1980 FEET FROM THE north LINE AND 660 FEET FROM east THE LINE, SECTION 23 TOWNSHIP 26-S RANGE 37-E NMPM.	7. Unit Agreement Name 8. Farm or Lease Name South Leonard Unit 9. Well No. 6 10. Field and Pool, or Wildcat South Leonard Queen
15. Elevation (Show whether DF, RT, GR, etc.) 2980	12. County Lea

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK  PLUG AND ABANDON   
 TEMPORARILY ABANDON  CHANGE PLANS   
 PULL OR ALTER CASING   
 OTHER Convert to water injection well

SUBSEQUENT REPORT OF:

REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
 CASING TEST AND CEMENT JOB   
 OTHER \_\_\_\_\_

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- MIRUPU. POH w/rods, pump and tubing.
- C.O. to TD and run logs.
- Acidize open hole, below packer set at 3200'(+/-) w/1000 gals. of Acid.
- Run plastic coated tubing and packer w/packer set at 3200'(+/-).
- Install surface injection equipment and commence injection.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED W. J. McClintock TITLE Dist. Operations Supt. DATE 1-17-77

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

032510(C)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

South Leonard Unit

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

South Leonard Queen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 24, 26-S, 37-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

2992' DF

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Convert to water injection	<input checked="" type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. MIRUPU. Pull rods, pump and tubing.
2. Run bit, DC and tubing and C.O. to 3500' TD. Drill 50' of new hole to 3550'. POH.
3. Run logs.
4. Acidize open hole under packer to be set at 3300'(+).
5. Run plastic coated packer and tubing; packer to be set at 330'(+).
6. Install surface injection equipment and commence injection.

18. I hereby certify that the foregoing is true and correct

SIGNED W. J. McClintock TITLE Dist. Operations Supt. DATE 1-17-77

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TEXAS PACIFIC OIL COMPANY, INC.  
REGIONAL OFFICE  
MIDLAND, TEXAS 79701

P. O. BOX 4067  
1509 WEST WALL STREET

TEL. 915-684-5584  
TWX. 910-895-5324

January 25, 1977

Herman J. Ledbetter  
1002 Sayles Blvd.  
Abilene, TX 79605

Robert J. Leonard  
Security National Bank Building  
Roswell, NM 88201

Tenneco Oil Company  
1200 Lincoln Tower  
Denver, CO 80203

Re: Conversion of Wells No. 6 & 15  
to Water Injection  
South Leonard Queen Unit  
Sec. 13, 23 & 24, T-26S-37E  
Lea County, New Mexico

Gentlemen:

Texas Pacific Oil Company, Inc. has made a request for administrative approval for the conversion of the above referenced wells.

In compliance with Rule 701 E-4, attached is a copy of the formal request, as your notification as an offset operator.

Yours very truly,

TEXAS PACIFIC OIL COMPANY, INC.

  
R. J. Womack  
Regional Manager

RDH:sw

cc: Mr. Joe Ramey, N.M.O.C.C., Santa Fe ✓

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE

OIL CONSERVATION COMMISSION  
Hobbs DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE January 20, 1977

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_ X  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated \_\_\_\_\_  
for the Texas Pacific Oil Co., Inc. S. Leonard Queen Unit #6 23-26-37 & #15 24-26-37  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.---J.S.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

\_\_\_\_\_